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Abstract

The invention relates to a lane device (30) and a method for detecting the lane of a vehicle (10), as well as to a selector device which interacts with the lane device (30). The lane device (30) contains evaluation means (32, 35, 37) for evaluating distance data (60, 61, 66) of at least one distance sensor (58, 59, 65), it being possible to determine a lateral distance (d1-d4) from a reference body (62, 64) which runs essentially continuously to the side of the lane, at least in sections, from the distance data (60, 61, 66). The evaluation means (32, 35, 37) are configured to acquire lane data (36) as a function of the distance data (60, 61, 66). According to the invention, the evaluation means (32, 35, 37) are configured to filter out interference information, caused in particular by vehicles (17) present in the region of the lane or discontinuities (63) of the reference body (62, 64), from the distance data (60, 61, 66).

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(Fig. 1)